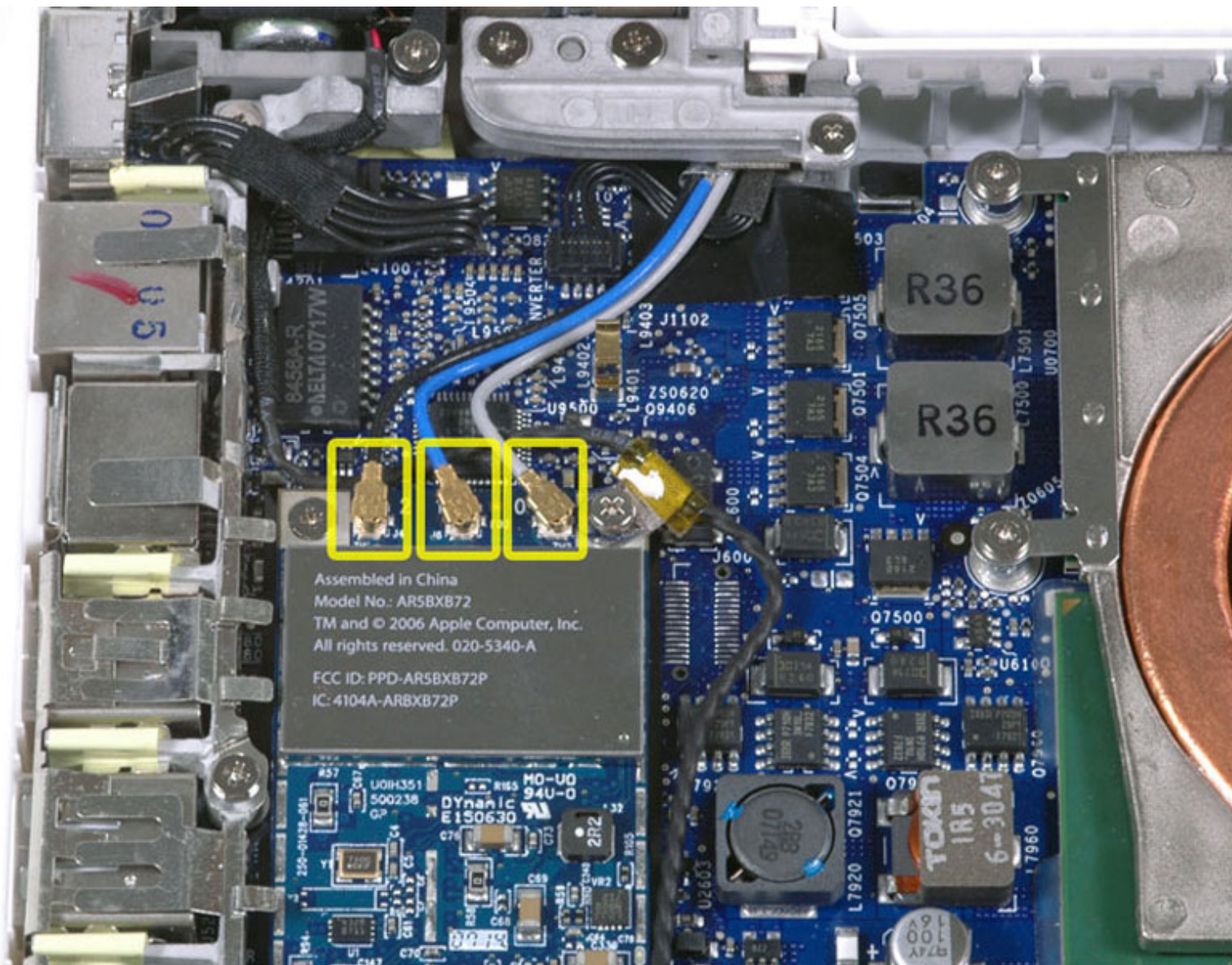




# Exchange of MacBook Core 2 Duo AirMac Extreme Card

Written By: Uhucream



## INTRODUCTION

Installation instructions of the built-in AirMac Extreme 802.11g card

(Overseas are sold under the name AirPort will not because AirMac becomes Japanese name. It has a reason, already in Japan [Kansai Electric](#) order has trademarked the name AirPort Japan and Overseas the name is different.)



### TOOLS:

- [Coin](#) (1)
- [Phillips # 0 screwdriver](#) (1)
- [Phillips # 00 screwdriver](#) (1)
- [# 000 Phillips screwdriver](#) (1)



### PARTS:

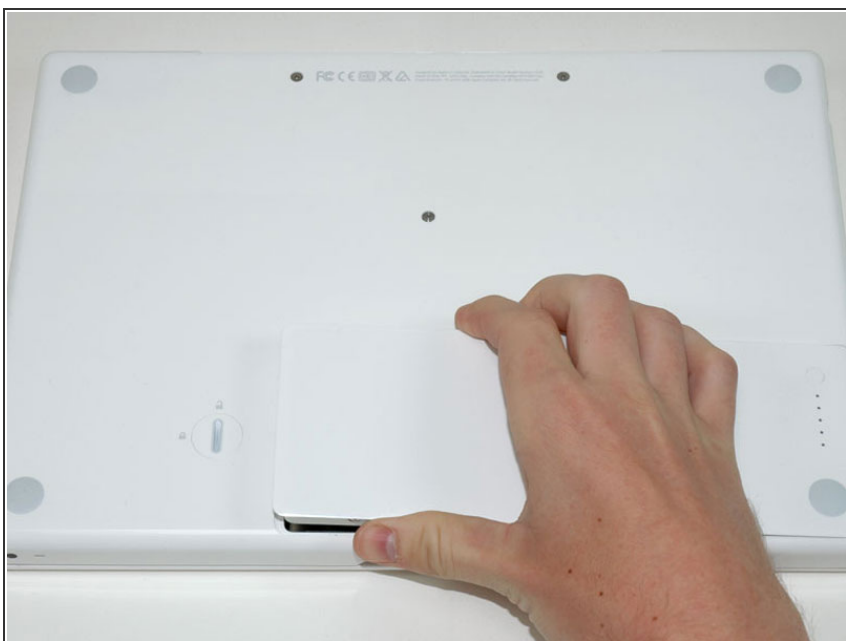
- [MacBook Core 2 Duo Santa Rosa/Penryn 802.11n Airport Extreme Card](#) (1)
- [MacBook Core 2 Duo 802.11n Airport Extreme Card](#) (1)
- [MacBook \(Early Mid 2009\) 802.11n Airport Extreme Card](#) (1)

## Step 1 — battery



- Please Turn 90 ° the battery latch in a clockwise direction using a coin.

## Step 2



- Please remove it from the computer and lift.

## Step 3 — Memory cover



- Please remove the three Phillips screws which are arranged at regular intervals in the partition of the battery in the rear side of the body.

★ Since the screw is fixed to the metal memory cover, there is no loss camphor worry.

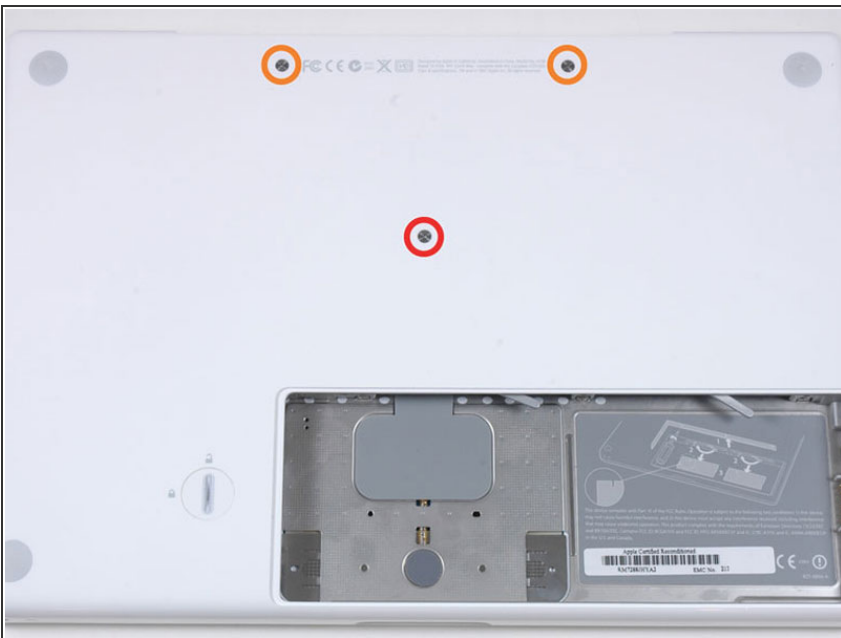
⚠ (Translator comment), but is not that you do not turn the Phillips (Phillips) screws with a screwdriver compliant JIS standards that are being sold in Japan, when the form tries to forcibly Mawaso because it does not completely matching threads it is scraped there is a possibility that becomes impossible Kuminaoshi in the worst case. Driver for the Phillips screws are sold at notation PHxxx or PH # xxx if you go to the hardware store or the like. (X is a number, has become the wind that 000,00,0,1,2 ... from small order of the tip). Please purchase therefore there are sold at or iFixit store.

## Step 4



- Pull the L-shaped memory cover to the front, please remove it from the computer.

## Step 5 — Top board



- Please remove the three screws on the following:
  - Length 11mm of in the middle of the case Phillips # 000 screws (the screw head: diameter 5mm, thickness 0.75mm) is one
  - Length 14.5mm Phillips # 000 screws (the screw head: diameter 5mm, thickness 0.75mm) are two
- ⓘ If the screw would Hittsui the case, you can remove the screws and stick with a magnetic with a driver.
- ★ Three best short screws within the will come to the middle.



## Step 6



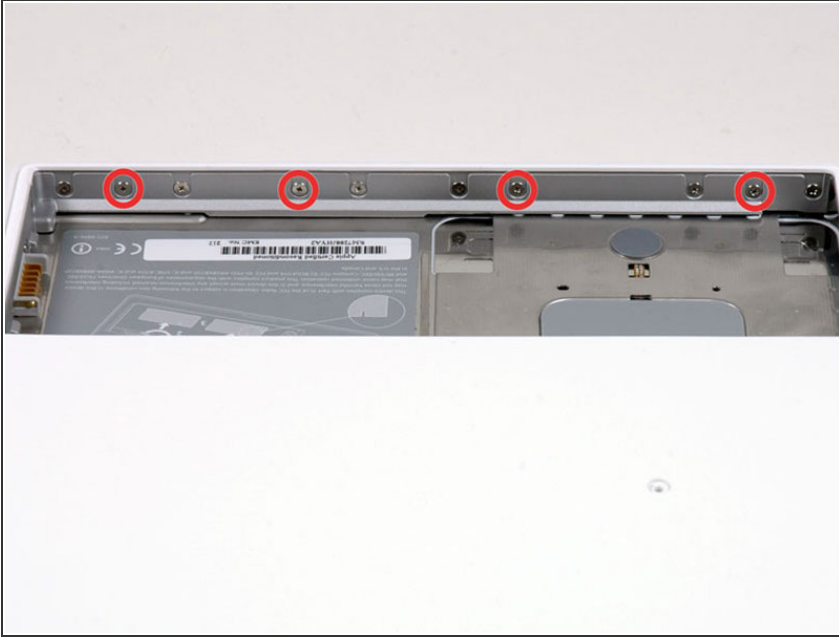
- Please remove the three screws on the following attached to after the partition of the battery.
- A length of 3mm Phillips # 0 screw: one (the screw head diameter 2.75mm) is
- Length on both ends 4mm Phillips # 0 of the screw (the screw head: diameter 2.75mm) are two

## Step 7



- Please remove the two screws of the following on the right side of the partition of both ends of the battery. (Screw closer to the battery connector does not need to be removed because only that secure the battery connector.)
- Phillips # 000 screws of length 6.25mm (screw head: diameter 4mm, thickness 0.5mm) are two

## Step 8



- Please remove the four screws that were shown by the red circle in the image in the partition of the front side of the battery of the body. From the left, the second, fourth, seventh, and ninth of the screw.
- Phillips # 000 screws of length 3.25mm (screw head: diameter 4mm, thickness 0.4mm) are four

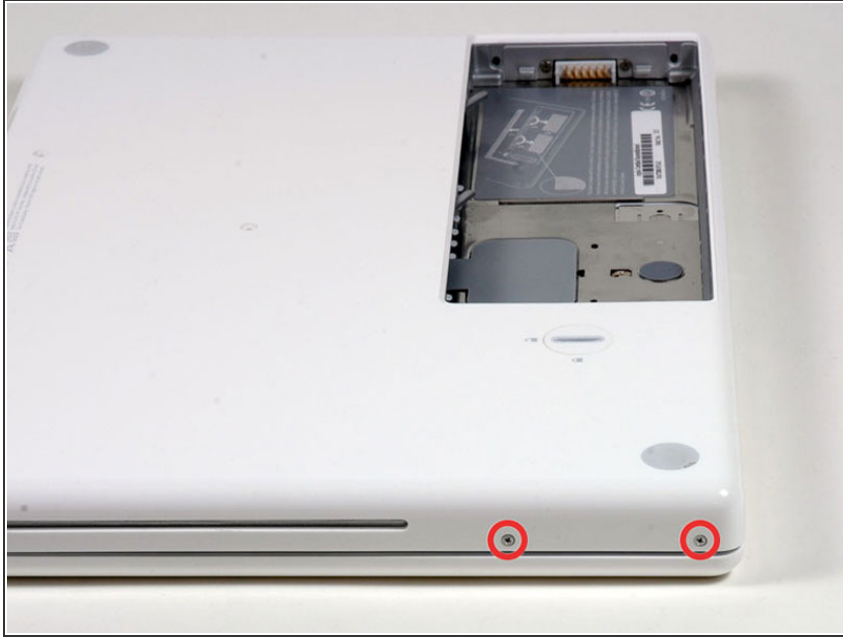
## Step 9



- Please remove the four screws of the following in the rear side of the computer:
- Long screws inside, short screws on the outside both ends.
- Long 11mm shank with a Phillips # 00 screws of (the dimensions of the shank: diameter 2.2mm, length 2mm) (screw head: diameter 3.2mm, thickness 0.5mm) are two
- Shank with a Phillips # 00 screws of length 7.25mm (the dimensions of the shank: diameter 2mm, length 3.75mm) (screw head: diameter 3.2mm, thickness 0.5mm) are two



## Step 10



- Please remove the two screws on the optical drive side of the computer.
- Shank with a Phillips # 00 screws of length 5.2mm (dimension of the shank: diameter 2.3mm, length 3.5mm) (screw head: diameter 3.2mm, 5mm thickness)
- ⓘ Screw on the same most of the optical drive and the other side does not need to be removed because the decoration.

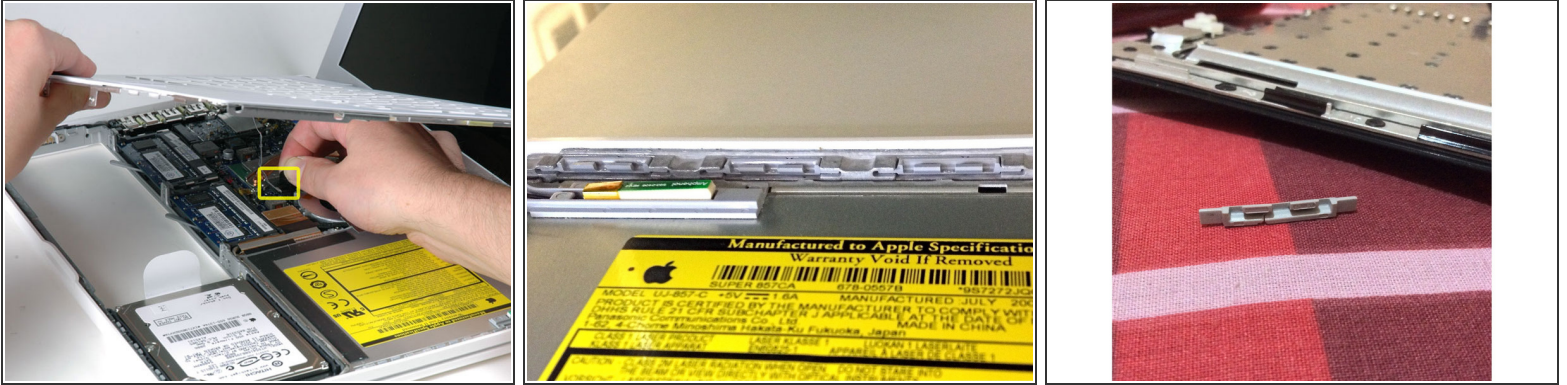
## Step 11



**⚠** Since the keyboard and track pad of the top plate is connected to the logic board with a ribbon cable, please do not try to pull out forcibly still **absolutely**. There is a **possibility** that the ribbon cable **would cut off**.

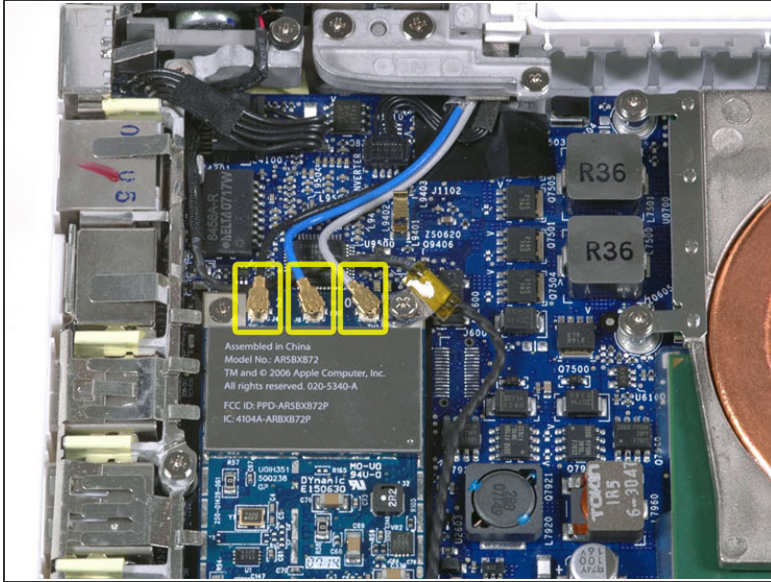
- Get rid of the top plate on the principle of leverage (leverage) to round from a nearby screen to the front side of the computer. [plastic opening tool](#) will present and ease Using and harder guitar pick.
- ① So clinging optical drive the top of the top plate, please remove the top plate at the lever to put the guitar pick on both sides of the optical drive that is not stuck first.
- ① After the work to remove is over, there is that you are out of the clip of the four gray plastic that hold the keyboard, but please do not hurry. CD drive there is around the far right corner to the part to fit the clip, there is no problem if Hamere Slide the clip there.

## Step 12



- Lift the top plate, please remove the connector by pulling on the black tab of the connector portion of the silver of the cable.
- ⓘ It is possible to remove the connector from the connector housing if you use if the black when there is no tab sputtering jar with the principle of leverage. Because of this connector is long, please remove to ensure that straight up.
- ⓘ IFixit, even if you accidentally cut the cable attached to the top plate when removing the top plate [cable](#) Please be assured that we are selling a separately. [Replacement Guide](#) There is also, you can easily.
- While removing the top plate, why not try an opportunity to get rid of dust and hair and the like. It is to use containing cans of The best approach compressed air. No it could break the static electricity is generated computer when doing a hard brush made of building materials (those with hair typical animal).
- ⓘ Upon re-assembly, the four gray plastic clip, please make sure that it is in the optical drive side of the keyboard. (Please refer to the image of the handsome to the reference.) Please be mounted firmly on the clip so that the keyboard is firmly fixed.
- ⓘ To ease the re-assembly process, better you'll asked the clip portion would be good. Please note that do to be responsible for damage in the strong force.
- ⓘ Because they are not fixed and not stuck in the strong force when fixing the (translator's comment) keyboard, there is a possibility that the insertion opening of the optical drive is distorted by a strong force. A credit card or the like that are no longer needed as a single disk, such as a DVD does not have to worry about distorted to put up half the insertion port to two-ply.

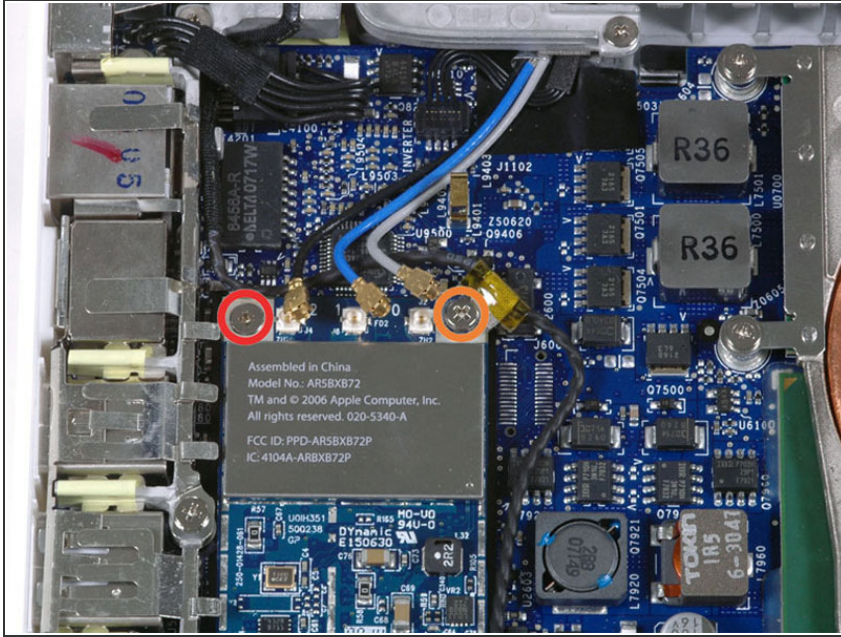
## Step 13 — AirMac Extreme Card



- Please remove the three antenna cables from AirMac Extreme card on the left side of the MacBook body. Please remove gently straight pulled to the top according to the description below.
- ✦ It is the order to remove the cable, but please remove from left to right in the order of black → blue → gray that is.
- ⓘ If the MacBook you have is a Core 2 Duo Santa Rosa or Penryn core-based model, antenna cables are only two, making it to the right from the left, black, and gray.

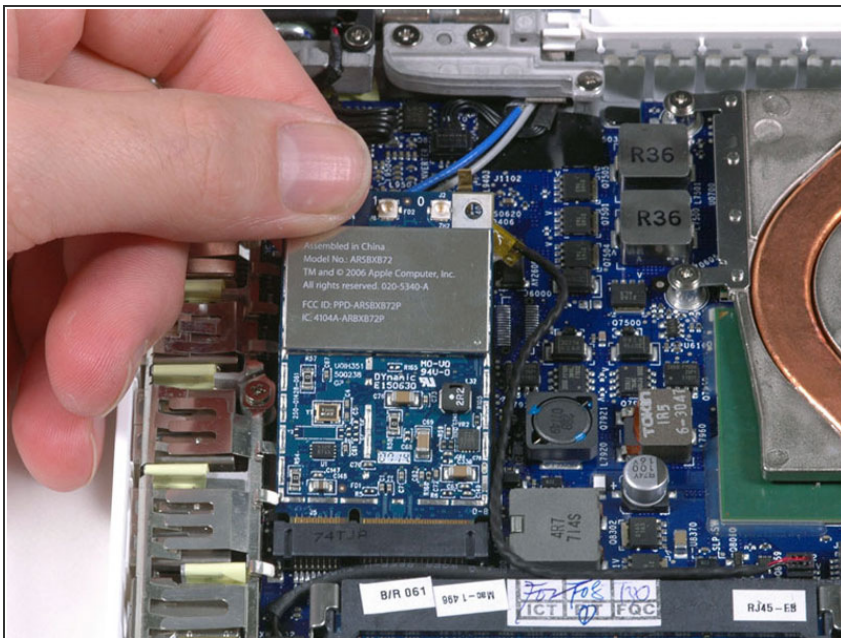


## Step 14



- Please remove the two screws of the following from AirMac card:
  - One of Phillips screws of length 3mm
  - One of Phillips screws of length 8mm

## Step 15



- Firmly with the upper part of the AirMac card, please remove it from the computer and slide into the direction of the screen of a personal computer.